

Karam Salom Hamwi

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Languages: Fluent French and English speaker. Moderate Arabic Speaker

Training

College degree in Industrial Electronics Technologist

2020

CEGEP Vanier

Internship in work study program (ATE):

Service engineer assistant and at the research department (ATE2)

Summer 2019

ISOSPARK Analytical Solutions, Dorval Montreal

- Troubleshooting and calibrating machines for customers.
- Research in robotics automation using the microcontroller (Arduino).
- Measuring voltage, current and resistance using multimeters.
- Work in a professional engineering environment with all types of engineers and chemists.

Electrical cables assembler (ATE1)

Summer 2018

Imeco Télécom Inc., Montreal

- Making electrical wires by working on specification sheets.
- Diagnosing wires in case of failure.

CPMT (Commission des partenaires du marché du travail) Scholarship winner

2018

Skillset :

Computer skills: AutoCad, TinkerCad, MicroCap, Arduino, Langage C, MS office, PLC Siemens et Allen-Bradley programming, Grafset, Ladder programming, HMI ClearScada, Industriel communication, VHDL programming , Quartus, RSlogix500, SketchUp, Ganttproject.

Technical skills: Reading electrical plans and schematics, drawing electrical diagrams, Measuring voltage, current and resistance, C programming and project planning, writing electrical reports, diagnostics of different machines such as: motors, drives, PLCs and sensors.

Work experience

Electronics Service Technician (1 year and a half)

2021

Novatech Analytical Solutions Inc. , Sainte-Anne de Bellevue

- Building professional relationships with our clients through offering them service in repairing their electronics and doing preventive maintenance on their gas detection equipment.
- Calibration of the analytical instruments and issuing repairs to damaged instruments.
- Measuring of Voltage, Current and resistance using a multimeter and doing continuity test which improved my problem-solving skills.
- Repairing the client's equipment's by communicating with them and offering them repair quotes.
- Communication skills with the clients to understand their process to find the perfect solution for their problems.
- Teamwork skills with the team of Novatech to execute the bigger tasks demanded.
- Worked with a lot of equipment's as a technician. (Multimeter – Wrenches – wires etc...).

Food Service (4 months)

Summer 2017

Andalos Bakery, Montréal

- Keeping Friendly relationships with the clients
- Preparing sandwiches for clients.

Study Projects

Integration project of my college diploma « Factory 4.0»

2020

An assembly of stations that works together to make an automated factory.

- Programming servo motors.
- Solving technical problems as a team.
- Designing electrical circuits with breadboards in order to keep my station organized.
- Finally, I managed to program a robot to do the required tasks and communicate with other microcontrollers from other stations.

Automate 2000 programming

2019

- Produce a Graftet (Sequential function chart) to make the Automate work.
- Learning RSlogic500 programming.
- Transition from Graftet programming to Ladder programming in PLCs.

Building Electrical panels

2019

- Learning how to drill using a Power Drill.
- Organizing the space in the electrical panel to put all the necessary elements in order to prevent short-circuiting.

Other

**Volunteer in Sacre-Cœur-de-Jésus Church
2016**

- Prepare sandwiches at festivals.
- Sell clothes and accessories.

Sports : Volleyball and Tennis.